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8-17-00
M.L.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Isaacs et al.
Serial No. :
Filed : Herewith
Title : TISSUE SPECIFIC PRODRUG

Art Unit : Unknown
Examiner : Unknown

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the Claims:

Please cancel ~~claims 1-18, 41-54, and 66-77~~ without prejudice.

19 (Amended). A composition comprising a prodrug, the prodrug comprising
a therapeutically active drug; and
a peptide [of claim 1] comprising an amino acid sequence having a
cleavage site specific for an enzyme having a proteolytic activity
of prostate specific antigen, wherein the peptide is 20 or fewer
amino acids in length,
wherein the peptide is linked to the therapeutically active drug to
inhibit the therapeutic activity of the drug, and wherein the
therapeutically active drug is cleaved from the peptide upon
proteolysis by an enzyme having a proteolytic activity of prostate
specific antigen (PSA).

Sub
C2

A1

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June 7, 2000

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Peter Consoli

PETER CONSOLI

Typed or Printed Name of Person Signing Certificate

55 (Amended). A method of producing a prodrug, the method comprising the step of linking

a therapeutically active drug and

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a peptide [of claim 1] comprising an amino acid sequence having a cleavage site specific for an enzyme having a proteolytic activity of prostate specific antigen,

wherein the peptide is 20 or fewer amino acids in length,

wherein the linking of the peptide to the drug inhibits the therapeutic activity of the drug.

REMARKS

Applicant submits that all of the claims are now in condition for examination, which action is requested. Filed herewith is a check for the application. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: June 7, 2000

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